



40PIN SMD ETHERNET 10/100 BASE TX TWO
PORT TRANSFORMER

Bothhandusa.com

P/N: 40ST1021E DATA SHEET

Feature



- 40-PIN SMD Package designed to meet IEEE 802.3 & IR requirement .
- Operating temperature range: 0°C to +70°C .
- Storage temperature range: -25°C to +125°C .

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±3%)		OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	C _{w/w} (pF Max)	L.L (uH Max)	HI-POT (Vrms)
	TX	RX				
40ST1021E	1CT:1CT	1CT:1CT	350	28	0.3	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)				DCMR (dB Min)		
	0.3-100MHz	1-30MHz	40-50MHz	60-80MHz	0.3-60MHz	60-100MHz	60MHz	100MHz	200MHz	60MHz	100MHz	200MHz
40ST1021E	-1.15	-18	-14	-12	-40	-35	-40	-33	-25			

Schematic

Mechanical

